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PTO/SB/01 (10-00)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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# DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

☒ Declaration Submitted With Initial Filing      OR      ☐ Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)

Attorney Docket Number PU020117  
First Named Inventor Seo Weon Heo, et al.

## COMPLETE IF KNOWN

Application Number /  
Filing Date  
Group Art Unit  
Examiner Name

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**CONCATENATED EQUALIZER/TRELLIS DECODER ARCHITECTURE FOR AN HDTV RECEIVER**

the specification of which (Title of the Invention)

☐ is attached hereto

OR

☐ was filed on (MM/DD/YYYY) [ ] as United States Application Number or PCT International

Application Number [ ] and was amended on (MM/DD/YYYY) [ ] (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims as amended specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

Application Number(s)	Filing Date (MM/DD/YYYY)	<input type="checkbox"/> Additional provisional application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.
60/373,008	04/16/2002	

[Page 1 of 2]

Burden Hour Statement: This form is estimated to take 21 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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# DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number or Bar Code Label  OR ☒ Correspondence address below

Name			JOSEPH S. TRIPOLI		
Address			THOMSON MULTIMEDIA LICENSING INC.		
Address			P.O. Box 5312		
City		State		ZIP	
PRINCETON		NJ		08543-5312	
Country		Telephone		Fax	
USA		(609) 734 - 6818		(609) 734 - 6888	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

## NAME OF SOLE OR FIRST INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name		Family Name		Date	
SEO WEON		HEO		Mar 18, 2003	
Inventor's Signature		or Surname			
Residence: City		State		Country	
Seoul		South Korea		South Korea KRX	
Citizenship		Korean			

Mailing Address 127-18 Gaebongbon-Dong, Guro-Gu, Seoul, South Korea 152-090

## Mailing Address

City		State		ZIP		Country	
Seoul		South Korea		152-090		South Korea	

## NAME OF SECOND INVENTOR:

☐ A petition has been filed for this unsigned inventor

Given Name		Family Name		Date			
JEONGSOON		PARK					
Inventor's Signature		or Surname					
Residence: City		State		Country			
West Lafayette		IA		USA			
Citizenship		Korean					
Mailing Address 738 Young Graduate House							
Mailing Address							
City		State		ZIP		Country	
West Lafayette		Indiana		47906		USA	

☒ Additional inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.

3089

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**Supplemental Sheet**  
Page 1 of 1

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
SAUL		GELFAND	
Inventor's Signature		Date	
Residence: City	Lafayette	State	Indiana IA Country USA
Mailing Address		70 Sugar Maple Court	
Mailing Address			
City	Lafayette	State	Indiana ZIP 47905 Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
IVONETE		MARKMAN	
Inventor's Signature		Date	
Residence: City	Carmel	State	Indiana IA Country USA
Mailing Address		11388 Royal Court	
Mailing Address			
City	Carmel	State	Indiana Zip 46032 Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Inventor's Signature		Date	
Residence: City		State	Country
Mailing Address		Citizenship	
Mailing Address			
City		State	Country

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<b>DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)</b>  <input checked="" type="checkbox"/> Declaration Submitted With Initial Filing      OR <input type="checkbox"/> Declaration Submitted after Initial Filing (surcharge (37 CFR 1.16 (e)) required)	<b>Attorney Docket Number</b>	PU020117
	<b>First Named Inventor</b>	Seo Weon Heo, et al.
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	/
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

As a below named inventor, I hereby declare that:

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Application Number  and was amended on (MM/DD/YYYY)  (if applicable).

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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY) Country	Priority Not Claimed	Certified Copy Attached?	
				YES	NO
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto:

I hereby claim the benefit under 35 U.S.C. 119(e) of any United States provisional application(s) listed below.

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60/373,008	04/16/2002	

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## DECLARATION — Utility or Design Patent Application

Direct all correspondence to: ☐ Customer Number or Bar Code Label  OR ☒ Correspondence address below

<b>Name</b>	JOSEPH S. TRIPOLI		
<b>Address</b>	THOMSON MULTIMEDIA LICENSING INC.		
<b>Address</b>	P.O. Box 5312		
<b>City</b>	<b>State</b>	<b>ZIP</b>	
PRINCETON	NJ	08543-5312	
<b>Country</b>	<b>Telephone</b>	<b>Fax</b>	
USA	(609) 734 - 6818	(609) 734 - 6888	

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**NAME OF SOLE OR FIRST INVENTOR:**

☐ A petition has been filed for this unsigned inventor

<b>Given Name</b>	SEO WEON		<b>Family Name or Surname</b>	HEO
<b>Inventor's Signature</b>				<b>Date</b>
<b>Residence: City</b>	<b>State</b>	<b>Country</b>	<b>Citizenship</b>	
Seoul	South Korea	South Korea	Korean	
<b>Mailing Address</b>	127-18 Gaebongbon-Dong, Guro-Gu, Seoul, South Korea 152-090			
<b>Mailing Address</b>				
<b>City</b>	<b>State</b>	<b>ZIP</b>	<b>Country</b>	
Seoul	South Korea	142-090	South Korea	

**NAME OF SECOND INVENTOR:**

☐ A petition has been filed for this unsigned inventor

<b>Given Name</b>	JEONGSOON		<b>Family Name or Surname</b>	PARK
<b>Inventor's Signature</b>	Jongsam Park		<b>Date</b>	3/20/03
<b>Residence: City</b>	<b>State</b>	<b>Country</b>	<b>Citizenship</b>	
West Lafayette	Indiana	USA	Korean	
<b>Mailing Address</b>	<del>738 Young Graduate House</del> 321 RAVENWOOD LANE, APT. C			
<b>Mailing Address</b>				
<b>City</b>	<b>State</b>	<b>ZIP</b>	<b>Country</b>	
West Lafayette	Indiana	47906-47909	USA	

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**DECLARATION****ADDITIONAL INVENTOR(S)**  
**Supplemental Sheet**  
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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
SAUL		GELFAND	
Inventor's Signature <i>Saul Gelfand</i>		Date 3/27/03	
Residence: City Lafayette	State Indiana	Country USA	Citizenship USA
Mailing Address 70 Sugar Maple Court			
Mailing Address			
City Lafayette	State Indiana	ZIP 47905	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
IVONETE		MARKMAN	
Inventor's Signature		Date	
Residence: City Carmel	State Indiana	Country USA	Citizenship Brazilian
Mailing Address 11388 Royal Court			
Mailing Address			
City Carmel	State Indiana	Zip 46032	Country USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Mailing Address			
Mailing Address			
City	State	Zip	Country

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	<b>First Named Inventor</b>	Seo Weon Heo, et al.
	<b>COMPLETE IF KNOWN</b>	
	<b>Application Number</b>	/
	<b>Filing Date</b>	
	<b>Group Art Unit</b>	
	<b>Examiner Name</b>	

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<b>Name</b> JOSEPH S. TRIPOLI			
<b>Address</b> THOMSON MULTIMEDIA LICENSING INC.			
<b>Address</b> P.O. Box 5312			
<b>City</b> PRINCETON		<b>State</b> NJ	<b>ZIP</b> 08543-5312
<b>Country</b> USA	<b>Telephone</b> (609) 734 - 6818		<b>Fax</b> (609) 734 - 6888
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<b>NAME OF SOLE OR FIRST INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name SEO WEON		Family Name HEO or Surname	
<b>Inventor's Signature</b>			<b>Date</b>
<b>Residence: City</b> Seoul	<b>State</b> South Korea	<b>Country</b> South Korea	<b>Citizenship</b> Korean
<b>Mailing Address</b> 127-18 Gaebongbon-Dong, Guro-Gu, Seoul, South Korea 152-090			
<b>Mailing Address</b>			
<b>City</b> Seoul	<b>State</b> South Korea	<b>ZIP</b> 142-090	<b>Country</b> South Korea
<b>NAME OF SECOND INVENTOR:</b>		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name JEONGSOON		Family Name PARK or Surname	
<b>Inventor's Signature</b>			<b>Date</b>
<b>Residence: City</b> West Lafayette	<b>State</b> Indiana	<b>Country</b> USA	<b>Citizenship</b> Korean
<b>Mailing Address</b> 738 Young Graduate House			
<b>Mailing Address</b>			
<b>City</b> West Lafayette	<b>State</b> Indiana	<b>ZIP</b> 47906	<b>Country</b> USA
<input checked="" type="checkbox"/> Additional Inventors are being named on the 1 supplemental Additional Inventor(s) sheet(s) PTO/SB/02A attached hereto.			



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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
SAUL		GELFAND	
Inventor's Signature		Date	
Residence: City	Lafayette	State	Indiana
Country	USA	Citizenship	USA
Mailing Address 70 Sugar Maple Court			
Mailing Address			
City	Lafayette	State	Indiana
ZIP	47905	Country	USA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
IVONETE		MARKMAN	
Inventor's Signature <i>ivonete markman</i>		Date 03/12/03	
Residence: City	Carmel	State	Indiana
Country	USA	Citizenship	Brazilian
Mailing Address 11388 Royal Court			
Mailing Address			
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Zip	46032	Country	USA
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